

ART. II.—*Photography: Its Past and Present.*

BY LUDOVIC HART.

[Read 14th May, 1885.]

ART. III.—*On the Recent Earth-Tremors, and the Conditions which they Indicate.*

BY G. S. GRIFFITHS.

[Read 11th June, 1885.]

THE EARTHQUAKE OF 13TH MAY, 1885.

IT having grown apparent to every one that the earth's crust in the vicinity of Tasmania has lately, from some obscure cause, become unstable, I have collected all the notices of the last shock which I could obtain, and have examined them with a view—first, to discover the precise seat of seismic activity; and, secondly, to determine the character of that action. If the evidence available enables us to accurately diagnose the conditions now prevailing below Bass's Straits we may be able, in some degree, to anticipate the immediate seismic future of those regions.

I have obtained a record of over forty observations, but as some of these are obviously inexact, I have had to exclude them from consideration, retaining thirty-five for examination. Of these, nineteen come from Tasmania, four from New South Wales, and twelve from Victoria. To facilitate comparison I have, in every case, reduced the local time to that of Hobart.

TABLE OF OBSERVATION.

PLACE.	VICTORIA.		DURATION.	DIRECTION.
	LOCAL TIME.	HOBART TIME.		
Melbourne	... 9·28	... 9·38		
Beechworth	... 9·30	... 9·40		
Wilson's Prom.	... 9·27	... 9·37	... 0' 45"	... ← †
Warragul	... 9·31	... 9·41	... 0' 40"	
Flinders	... 9·30	... 9·40		